

I claim:

1. A device for collecting grease on rooftop exhaust fans, comprising:
  - (a) a gasket formed of sorbent material;
  - 5 (b) the gasket being dimensioned for placement between an exhaust fan and a base for the exhaust fan; and
  - (c) wherein when placed between the exhaust fan and the base for the exhaust fan, grease is absorbed and retained by the gasket.
- 10 2. The device of Claim 1 wherein the gasket is dimensioned to extend outwardly around the periphery of the exhaust fan and base for the exhaust fan.
3. The device of Claim 2 wherein the gasket is further configured to form a gutter around the periphery of the exhaust fan and base for the exhaust fan.
- 15 4. The device of Claim 3 further including a plurality of perforations formed in the gasket, wherein when the gasket is configured to form a gutter, at least some of the perforations are in the gutter.
- 20 5. The device of Claim 3 further including a pad formed of sorbent material, the pad dimensioned for placement in some portion of the gutter.
6. The device of Claim 1 further including at least one strap for attaching the gasket around the periphery of the base for the exhaust fan.

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7. The device of Claim 1 wherein the gasket material is formed substantially of polypropylene.
8. The device of Claim 7 wherein the gasket material will absorb at least 4 quarts  
5 of grease per square yard.
9. The device of Claim 1 wherein the gasket comprises a cuttable sheet material.
- 10 10. A rooftop exhaust fan system, comprising: ✓  
(a) an exhaust fan;  
(b) a base for mounting the exhaust fan thereon;  
(c) a gasket formed of sorbent material;  
(d) the gasket being dimensioned for placement between the exhaust fan  
15 and the base for the exhaust fan; and  
(e) wherein when placed between the exhaust fan and the base for the exhaust fan, grease is absorbed and retained by the gasket.
11. The system of Claim 10 wherein the gasket is dimensioned to extend  
20 outwardly around the periphery of the exhaust fan and base for the exhaust fan.
12. The system of Claim 11 wherein the gasket is further configured to form a gutter around the periphery of the exhaust fan and base for the exhaust fan.

13. The system of Claim 12 further including a plurality of perforations formed in the gasket, wherein when the gasket is configured to form a gutter, at least some of the perforations are in the gutter.
- 5 14. The system of Claim 12 further including a pad formed of sorbent material, the pad dimensioned for placement in some portion of the gutter.
15. The system of Claim 10 further including at least one strap for attaching the gasket around the periphery of the base for the exhaust fan.
- 10 16. The system of Claim 10 wherein the gasket material is formed substantially of polypropylene.
17. The system of Claim 16 wherein the gasket material will absorb at least 4  
15 quarts of grease per square yard.
18. The system of Claim 10 wherein the gasket comprises a cuttable sheet material.
- 20 19. A method for collecting grease from rooftop exhaust fans having a base and a fan mounted thereon, comprising:
- (a) displacing the exhaust fan from atop the base for the exhaust fan;
  - (b) placing an absorbent gasket over the periphery of the base for the exhaust fan; and

(c) replacing the exhaust fan atop the base for the exhaust fan, wherein in operation the gasket absorbs grease leaking between the exhaust fan and the base for the exhaust fan.

5 20. The method of Claim 19 further including a first step of dimensioning the gasket for a specific size and shape of exhaust fan and exhaust fan base.

21. The method of Claim 19 further including the step of using an adjusting strap to form a gutter around the periphery of the base for the exhaust fan after replacing  
10 the exhaust fan atop the base.

22. A method for collecting grease from rooftop exhaust fans having a base and a fan mounted thereon, comprising:

- (a) displacing the exhaust fan from atop the base for the exhaust fan;
- 15 (b) placing an unused absorbent gasket over the periphery of the base for the exhaust fan;
- (c) replacing the exhaust fan atop the base for the exhaust fan;
- (d) shaping the periphery of the gasket into a gutter around the periphery of the base for the exhaust fan, wherein in operation the gasket absorbs  
20 grease leaking between the exhaust fan and the base for the exhaust fan and collects excess grease in the gutter;
- (e) at a specified operational interval, displacing the exhaust fan from atop the base;
- (f) removing the gasket material; and

(g) repeating the steps of placing an unused absorbent gasket over the periphery of the base, replacing the exhaust fan atop the base, and shaping the periphery of the gasket into a gutter.

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